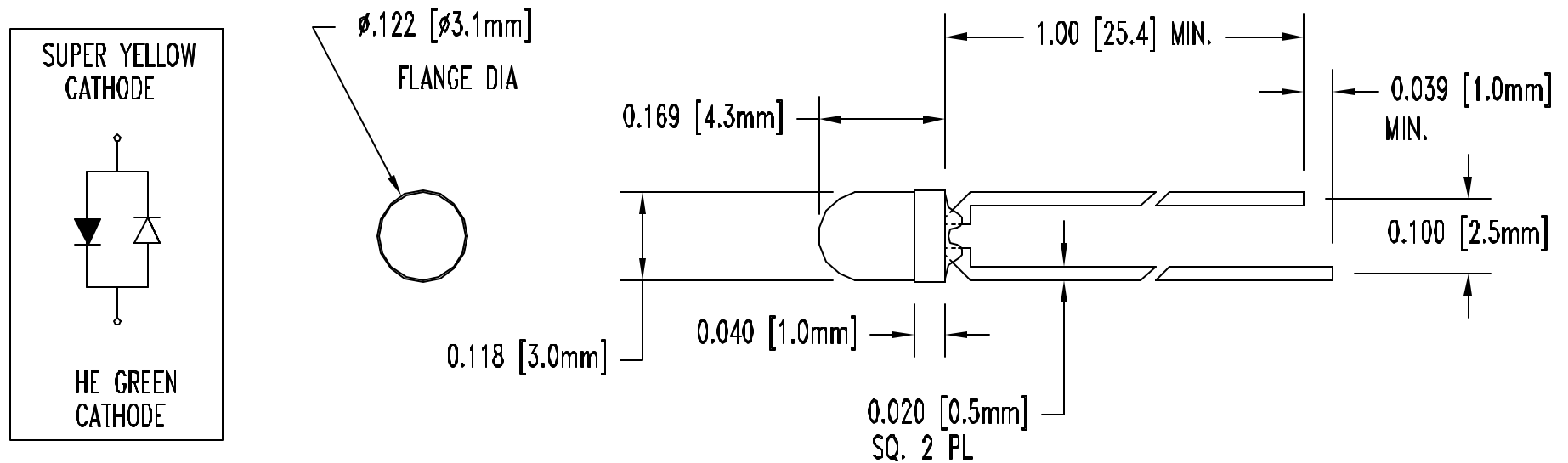


REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	12/19/02	MC



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg.)
	Material	Emitted Color	Peak Wave Length λ_P (nm)		$\Delta\lambda$ (nm)	Pd (mW)	If (Typ) (mA)	Peak (If) (mA)	Vf (V)		Iv (mcd)	
3SBC-Y/G	AlInGap	SUPER YELLOW	590	WHITE DIFFUSED	35	100	30	150	Typ.	Max.	Typ.	55
	GaP	HE GREEN	568		30	100	30	150	2.2	2.6	40.0	55

ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ\text{C}$)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT ($V_R = -5V$) _____ 100 μ A
 OPERATING TEMPERATURE RANGE _____ $-25^\circ\text{C} \sim 85^\circ\text{C}$
 STORAGE TEMPERATURE _____ $-30^\circ\text{C} \sim 100^\circ\text{C}$
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ 260°C FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 4 THOMAS, IRVINE, CA.92618 TEL: (949) 881-8808 FAX: (949) 881-3874	
TOLERANCES			
DECIMALS	ANGULAR		
X $\pm .1$	X' $\pm 1^\circ$		
.XX $\pm .02$			
.XXX $\pm .010$			
DESIGNER DAVID GREEN	DATE 12/19/02	PART NAME: T-1 (3mm) 2 LEADED BI-COLOR LED	
CHECKER M CHEN	DATE 12/19/02	SIZE A	DWG NO. 3SBC-YG
SCALE 1=1		CAGE CODE 32559	REV A
		SHEET 1 OF 1	